

09/924,340

us-09-924-340-58\_copy\_92\_98.rag

GenCore version 5.1.6  
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Bejamin et.al.  
8/02/05

OM protein - protein search, using sw model

Run on: August 1, 2005, 07:44:56 ; Search time 167 Seconds  
(without alignments)  
16.212 Million cell updates/sec

Title: US-09-924-340-58\_COPY\_92\_98

Perfect score: 7

Sequence: 1 QPGPPGP 7

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 2105692 seqs, 386760381 residues

Word size : 0

Total number of hits satisfying chosen parameters: 2105692

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 150 summaries

Database : A\_Geneseq\_16Dec04:\*

- 1: geneseqp1980s:\*
- 2: geneseqp1990s:\*
- 3: geneseqp2000s:\*
- 4: geneseqp2001s:\*
- 5: geneseqp2002s:\*
- 6: geneseqp2003as:\*
- 7: geneseqp2003bs:\*
- 8: geneseqp2004s:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	%	Length	DB ID	Description
1	7	100.0	70	4	AAU56809	Aau56809 Propionib
2	7	100.0	70	6	ABM53328	Abm53328 Propionib
3	7	100.0	163	6	ABR48481	Abr48481 Human Alp
4	7	100.0	264	4	AAB95405	Aab95405 Human pro
5	7	100.0	285	8	ABO58873	Abo58873 Human gen
6	7	100.0	293	6	ABU70813	Abu70813 Human adi
7	7	100.0	309	4	AAU23675	Aau23675 Novel hum
8	7	100.0	309	4	ABG60248	Abg60248 Human ova
9	7	100.0	309	5	ABG61719	Abg61719 Novel ova
10	7	100.0	339	6	ABU70735	Abu70735 Human adi
11	7	100.0	413	4	AAB95323	Aab95323 Human pro
12	7	100.0	499	4	AAB94866	Aab94866 Human pro
13	7	100.0	520	4	AAM93274	Aam93274 Human pol
14	7	100.0	520	8	ADL30711	Adl30711 Human pro
15	7	100.0	531	8	ADM80810	Adm80810 Human CAD

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16	7	100.0	541	7	ABO68460	Abo68460	Pseudomon
17	7	100.0	561	4	AAG73916	Aag73916	Human col
18	7	100.0	585	8	ADG98278	Adg98278	Human CLG
19	7	100.0	623	2	AAW12843	Aaw12843	Pro-alpha
20	7	100.0	626	2	AAW12842	Aaw12842	Truncated
21	7	100.0	646	7	ADM47257	Adm47257	Membrane
22	7	100.0	682	5	ABP41878	Abp41878	Human ova
23	7	100.0	684	2	AAW26327	Aaw26327	Human alp
24	7	100.0	684	2	AAY25113	Aay25113	Human alp
25	7	100.0	684	5	AAO17357	Aao17357	Human col
26	7	100.0	702	8	ADJ67574	Adj67574	Human ova
27	7	100.0	779	3	AAB42438	Aab42438	Human ORF
28	7	100.0	787	6	ABP55414	Abp55414	Human MDD
29	7	100.0	805	6	ABP55404	Abp55404	Human MDD
30	7	100.0	842	7	ADE08475	Ade08475	Novel pro
31	7	100.0	1028	8	ADN35278	Adn35278	Helical d
32	7	100.0	1078	2	AAR71704	Aar71704	collagen
33	7	100.0	1078	3	AAY96125	Aay96125	Collagen
34	7	100.0	1078	5	AAE16478	Aae16478	Human col
35	7	100.0	1078	5	ABB80736	Abb80736	Collagen
36	7	100.0	1078	5	ABB09628	Abb09628	Amino aci
37	7	100.0	1078	7	ADF13078	Adf13078	Human col
38	7	100.0	1196	2	AAR28916	Aar28916	Type III
39	7	100.0	1301	2	AAW92296	Aaw92296	Human alp
40	7	100.0	1313	8	ADN35279	Adn35279	Synthetic
41	7	100.0	1313	8	ADN35277	Adn35277	Helical d
42	7	100.0	1336	2	AAY08694	Aay08694	Human col
43	7	100.0	1336	6	ABP96308	Abp96308	Human end
44	7	100.0	1336	8	ABO84586	Abo84586	Human can
45	7	100.0	1336	8	ABO84591	Abo84591	Human can
46	7	100.0	1466	4	AAE02537	Aae02537	Porcine a
47	7	100.0	1466	4	AAE02534	Aae02534	Bovine al
48	7	100.0	1466	4	AAE02533	Aae02533	Bovine al
49	7	100.0	1466	4	ABB50291	Abb50291	Collagen
50	7	100.0	1466	5	ABB90747	Abb90747	Human Tum
51	7	100.0	1466	6	ABU54454	Abu54454	Human tum
52	7	100.0	1466	6	ABR47418	Abr47418	Breast ca
53	7	100.0	1466	7	ADP65248	Adp65248	Human alp
54	7	100.0	1466	7	ADP65210	Adp65210	Human alp
55	7	100.0	1466	8	ADQ26091	Adq26091	Type III,
56	7	100.0	1466	8	ADQ29677	Adq29677	Human col
57	7	100.0	1466	8	ADR16802	Adr16802	Human col
58	7	100.0	1466	8	ADR16427	Adr16427	Human col
59	7	100.0	1466	8	ABM80366	Abm80366	Tumour-as
60	7	100.0	1466	8	ADR67267	Adr67267	Human bla
61	7	100.0	1469	4	ABG15191	Abg15191	Novel hum
62	7	100.0	1470	7	ADE09399	Ade09399	Novel pro
63	7	100.0	1472	8	ABO84590	Abo84590	Human can
64	7	100.0	1475	8	ABO84587	Abo84587	Human can
65	7	100.0	1476	8	ABM84430	Abm84430	Human dia
66	7	100.0	1516	5	ABB83471	Abb83471	Human col
67	7	100.0	1516	5	ABP68617	Abp68617	Human pan
68	7	100.0	1516	8	ADI58822	Adi58822	Angiogene
69	7	100.0	1516	8	ABO84592	Abo84592	Human can
70	7	100.0	1516	8	ABO84588	Abo84588	Human can
71	7	100.0	1574	2	AAV30680	Aay30680	Splice va
72	7	100.0	1690	4	AAM23916	Aam23916	Human EST
73	7	100.0	1726	6	ABR42661	Abr42661	Decorin-m
74	7	100.0	1767	8	ADQ39813	Adq39813	Human myo
75	7	100.0	1767	8	ADQ39817	Adq39817	Human myo
76	7	100.0	1806	5	AAU84266	Aau84266	Human end
77	7	100.0	1806	5	ABJ05596	Abj05596	Breast ca
78	7	100.0	1806	6	ABR58545	Abr58545	Human can

79	7	100.0	1806	6	ABU56581	Abu56581 Lung canc	
80	7	100.0	1806	7	ADP65251	Adp65251 Human alp	
81	7	100.0	1806	8	ADQ39816	Adq39816 Human myo	
82	7	100.0	1806	8	ADQ39815	Adq39815 Human myo	
83	7	100.0	1818	8	ADQ39812	Adq39812 Human myo	
84	7	100.0	1818	8	ADQ39814	Adq39814 Human myo	
85	7	100.0	1899	8	ADJ75667	Adj75667 Marker ge	
86	7	100.0	3063	5	ABB90762	Abb90762 Human Tum	
87	7	100.0	3063	6	ABU54469	Abu54469 Human tum	
88	7	100.0	3063	6	ABR47415	Abr47415 Breast ca	
89	7	100.0	3063	6	ABR47416	Abr47416 Breast ca	
90	7	100.0	3063	8	ADJ75666	Adj75666 Marker ge	
91	7	100.0	3067	8	ADJ76366	Adj76366 Marker ge	
92	7	100.0	3118	4	AAU27790	Aau27790 Human ful	
93	6	85.7		9	AAW49146	Aaw49146 Human leu	
94	6	85.7		10	AAAM51034	Aam51034 Hansenula	
95	6	85.7		10	AAAM51035	Aam51035 Hansenula	
96	6	85.7		13	2	AAR59749	Aar59749 Epitope (
97	6	85.7		13	2	AAR60492	Aar60492 Type II c
98	6	85.7		13	2	AAR60494	Aar60494 Type II c
99	6	85.7		13	2	AAR60493	Aar60493 Type II c
100	6	85.7		13	2	AAW06573	Aaw06573 Hansenula
101	6	85.7		13	3	AAY85504	Aay85504 Non-helic
102	6	85.7		13	4	AAM50146	Aam50146 Human typ
103	6	85.7		13	7	ADA37458	Ada37458 Human typ
104	6	85.7		13	7	ADF28786	Adf28786 Collagen
105	6	85.7		13	7	ADF28788	Adf28788 Collagen
106	6	85.7		13	7	ADF28787	Adf28787 Collagen
107	6	85.7		14	2	AAW06572	Aaw06572 Hansenula
108	6	85.7		14	2	AAY06779	Aay06779 Human typ
109	6	85.7		14	3	AAY85512	Aay85512 Non-helic
110	6	85.7		14	7	ADF28460	Adf28460 Cholecyst
111	6	85.7		14	7	ADF28484	Adf28484 Cholecyst
112	6	85.7		15	2	AAY06781	Aay06781 Human typ
113	6	85.7		15	3	AAY85501	Aay85501 Linear te
114	6	85.7		15	5	AAU75469	Aau75469 Collagen-
115	6	85.7		15	6	ABR43717	Abr43717 Collagen
116	6	85.7		15	7	ADF28225	Adf28225 Wilm's tu
117	6	85.7		15	7	ADF28240	Adf28240 Wilm's tu
118	6	85.7		15	8	ADH48050	Adh48050 Microbial
119	6	85.7		15	8	ADJ55709	Adj55709 Collagen
120	6	85.7		16	2	AAW49124	Aaw49124 Human leu
121	6	85.7		16	2	AAW89601	Aaw89601 Synthetic
122	6	85.7		16	3	AAY85506	Aay85506 Non-helic
123	6	85.7		16	3	AAY85505	Aay85505 Non-helic
124	6	85.7		17	3	AAY85514	Aay85514 Non-helic
125	6	85.7		17	3	AAY85513	Aay85513 Non-helic
126	6	85.7		18	7	ADF28222	Adf28222 Nuclear p
127	6	85.7		19	3	AAY85518	Aay85518 Linear-te
128	6	85.7		19	3	AAY85508	Aay85508 Triple he
129	6	85.7		19	3	AAY85507	Aay85507 Non-helic
130	6	85.7		20	3	AAY85515	Aay85515 Non-helic
131	6	85.7		20	3	AAY85516	Aay85516 Triple-he
132	6	85.7		21	2	AAR59750	Aar59750 Epitope o
133	6	85.7		21	2	AAW77396	Aaw77396 Collagen
134	6	85.7		21	3	AAY84536	Aay84536 Amino aci
135	6	85.7		21	5	AAM51033	Aam51033 Hansenula
136	6	85.7		22	3	AAY85509	Aay85509 Tripl hel
137	6	85.7		23	2	AAR67742	Aar67742 Epitope (
138	6	85.7		23	3	AAY85517	Aay85517 Triple-he
139	6	85.7		24	2	AAR51307	Aar51307 Type II c
140	6	85.7		24	2	AAW46052	Aaw46052 Collagen
141	6	85.7		24	2	AAW46044	Aaw46044 Collagen

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142	6	85.7	24	3	AAY84399	Aay84399 Peptide d
143	6	85.7	24	6	ADB25867	Adb25867 Collagen
144	6	85.7	24	7	ADF28214	Adf28214 Annexin a
145	6	85.7	24	7	ADF28463	Adf28463 Annexin a
146	6	85.7	24	7	ADF28487	Adf28487 Annexin a
147	6	85.7	26	7	ADC21611	Adc21611 Human col
148	6	85.7	27	2	AAW89602	Aaw89602 Synthetic
149	6	85.7	27	7	ADF28456	Adf28456 C1q domai
150	6	85.7	27	7	ADF28461	Adf28461 C1q domai